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(54) Title: METHOD FOR INCREASING PLOIDY IN A PLANT

(57) **Abstract:** The present invention provides a method of increasing ploidy in cells of a woody perennial plant, the method comprising: contacting plant tissue comprising dividing cells with an effective amount of a composition comprising about 0.5% w/v colchicine to about 3% w/v colchicine. Woody perennial plants with increased ploidy obtained by the method of the invention are also provided.